

is designed as a blow-molded part.

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16. (Amended) An intake system according to Claim 30, wherein each of said plurality of one piece plastic intake manifold modules is designed as an injection-molded part.

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17. (Amended) An intake system according to Claim 16, wherein the injection-molding method used to produce the plurality of one piece plastic intake manifold modules works with a rotary slide technique or with a half-shell technique.

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18. (Amended) An intake system according to Claim 30, wherein each of said at least one plastic flange module is designed as an injection-molded part, which is integrally molded onto at least one of said plurality of one piece plastic intake manifold modules, where the respective pipe end of said plurality of one piece plastic intake manifold modules is shaped in such a way that a form-fitting connection is created between said plurality of one piece plastic intake manifold modules and said at least one plastic flange module.

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19. (Amended) An intake system according to claim 30, wherein

said at least one plastic flange module comprises a first flange module and a second flange module each being assigned to one cylinder block of the internal combustion engine, with said plurality of one piece plastic intake manifold modules which are arranged side-by-side being connected to said first flange module and to said second flange module in an alternating manner.

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20. (Amended) An intake system according to claim 30, wherein said at least one plastic flange module extends along one side of said modular plastic air distributor module and in parallel with it, and at least one of said plurality of one piece plastic intake manifold modules is connected to an area of said modular plastic air distributor module that faces away from this side.

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21. (Amended) An intake system according to claim 30, wherein said plurality of one piece plastic intake manifold modules are each connected to a top end of said modular plastic air distributor module.

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22. (Amended) An intake system according to claim 30, wherein each of said plurality of one piece plastic intake manifold modules is joined to said modular plastic air distributor module by a

C1 welding method.

C2 26. (Amended) A method of producing an intake system according to claim 30¹, wherein said plurality of one piece plastic intake manifold modules are produced by a blow-molding method; said pipe ends assigned to said at least one plastic flange module are introduced into an injection mold; wherein said at least one plastic flange module is produced by an injection-molding method wherein said pipe ends which are introduced into the injection mold are embedded in the material of said at least one plastic flange module, and the pipe ends assigned to the modular plastic air distributor module are connected to the modular plastic air distributor module.

C3 26. (Amended) An intake system according to Claim 31², wherein said at least one plastic flange module extends along one side of the modular plastic air distributor module and in parallel with it, and at least one of said plurality of one piece plastic intake manifold modules is connected to an area of said modular plastic air distributor module that faces away from this side.

C4 29. (Amended) An intake system according to Claim 31², wherein

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said plurality of one piece plastic intake manifold modules are each connected to a top end of said modular plastic air distributor module.

[Please add claims 30-34 as follows:

- 30. An intake system with a modular design for an internal combustion engine comprising:

a) a modular plastic air distributor module which comprises a one-piece air distributor top part module and a one piece air distributor bottom part module which can be coupled to an internal combustion engine;

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b) a plurality of one piece plastic intake manifold modules each being formed separate from said modular plastic air distributor module, each of said plurality of one piece plastic intake manifold modules having a first pipe end and a second end wherein said first pipe end is coupled to said top part module of said modular plastic air distributor module and each being assigned to one combustion chamber of the internal combustion engine; and

c) at least one plastic flange module coupled to said second end of at least one of said plurality of one piece plastic intake manifold modules, wherein said at least one plastic flange module can be mounted on the internal combustion engine.

²
1. An intake system with a modular design for an internal combustion engine comprising:

a) a plastic air distributor module which comprises a one-piece air distributor top part module and a one piece air distributor bottom part module which can be coupled to the intake system of an internal combustion engine;

b) a plurality of one piece plastic intake manifold modules each being formed separate from said plastic air distributor module, said manifold modules having a first pipe end and a second end wherein said first pipe end is coupled to said plastic air distributor module and each being assigned to one combustion chamber of the internal combustion engine; and

c) at least two plastic flange modules coupled to at least one of said intake manifold modules at said second end, wherein said at

least two plastic flange modules can be mounted on the internal combustion engine and are each assigned to one cylinder block of the internal combustion engine, wherein said plurality of one piece plastic intake manifold modules which are arranged side by side, are connected to one of said at least two plastic flange modules and then to another of said at least two plastic flange modules in an alternating manner.

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32. The intake system as in claim 30 wherein said modular plastic air distributor module, said plurality of one piece plastic intake manifold modules and said at least one plastic flange module are all made from polyamide plastic.

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33. The intake system as in claim 30 wherein said modular plastic air distributor module, said plurality of one piece plastic intake manifold modules and said at least one plastic flange module are all made from a glass fiber reinforce plastic.

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34. The intake system as in claim 30, wherein said modular plastic air distributor module said plurality of one piece plastic intake manifold modules and said at least one plastic flange module are all made from a carbon reinforced plastic. ---